

Population Trends and Projections for Texas and the Houston Metro

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Houston, TX

April 28, 2017

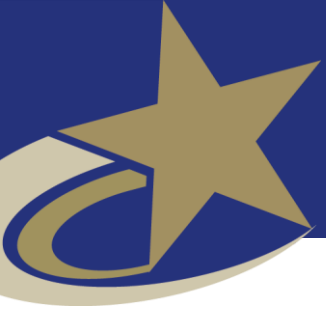


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Demographic Overview

- Texas is experiencing significant growth.
- Population continues to grow at a steady pace though growth is not geographically evenly distributed.
- Growth is not racially/ethnically evenly distributed. Population growth is being driven largely by the Hispanic population.
- The population of Texas, while relatively young, is also aging.
- The components of population change have varying implications for infrastructure in Texas.
- Demographic shifts may have serious implications for maintaining inclusive and equitable economic growth in the state.



Texas is experiencing fast and high growth.

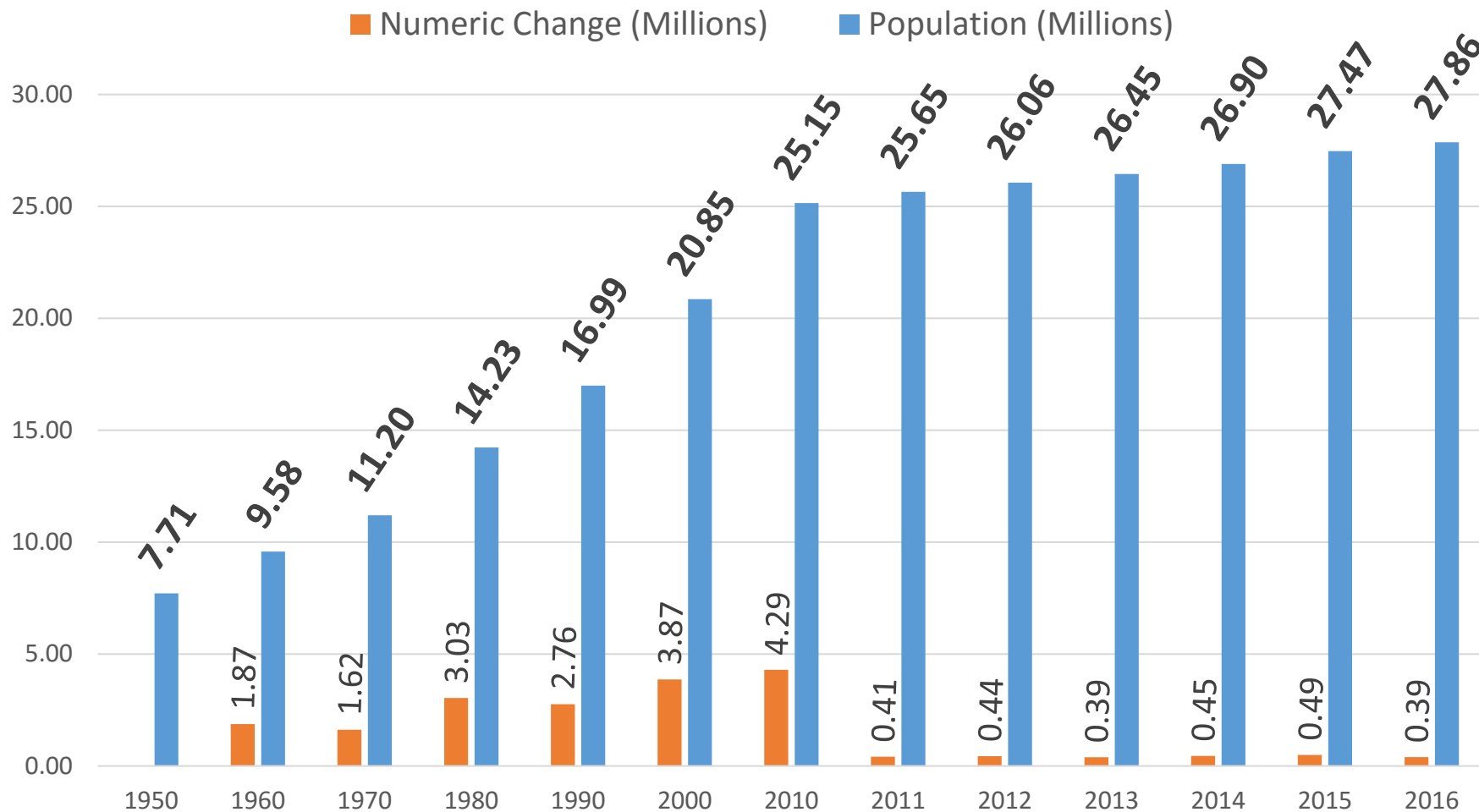


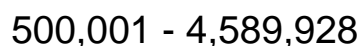
Growing States, 2000-2016

	2000 Population	2010 Population	2016 Population	Numeric Change 2010- 2016	Percent Change 2000- 2010
United States	281,421,906	308,745,538	323,127,513	14,369,408	4.1%
Texas	20,851,820	25,145,561	27,862,596	2,716,496	9.2%
California	33,871,648	37,253,956	39,250,017	1,995,495	5.1%
Florida	15,982,378	18,801,310	20,612,439	1,807,847	7.8%
Georgia	8,186,453	9,687,653	10,310,371	621,691	5.4%
North Carolina	8,049,313	9,535,483	10,146,788	611,100	5.3%
Arizona	5,130,632	6,392,017	6,931,071	538,770	6.8%

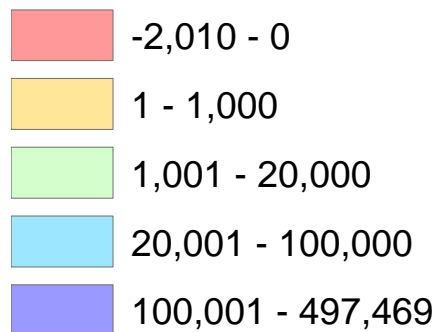


Total Population and Components of Change in Texas, 1950-2016

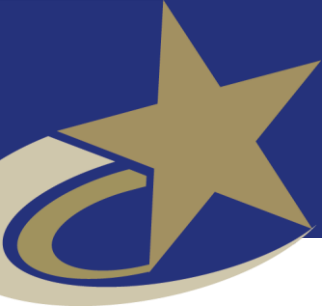




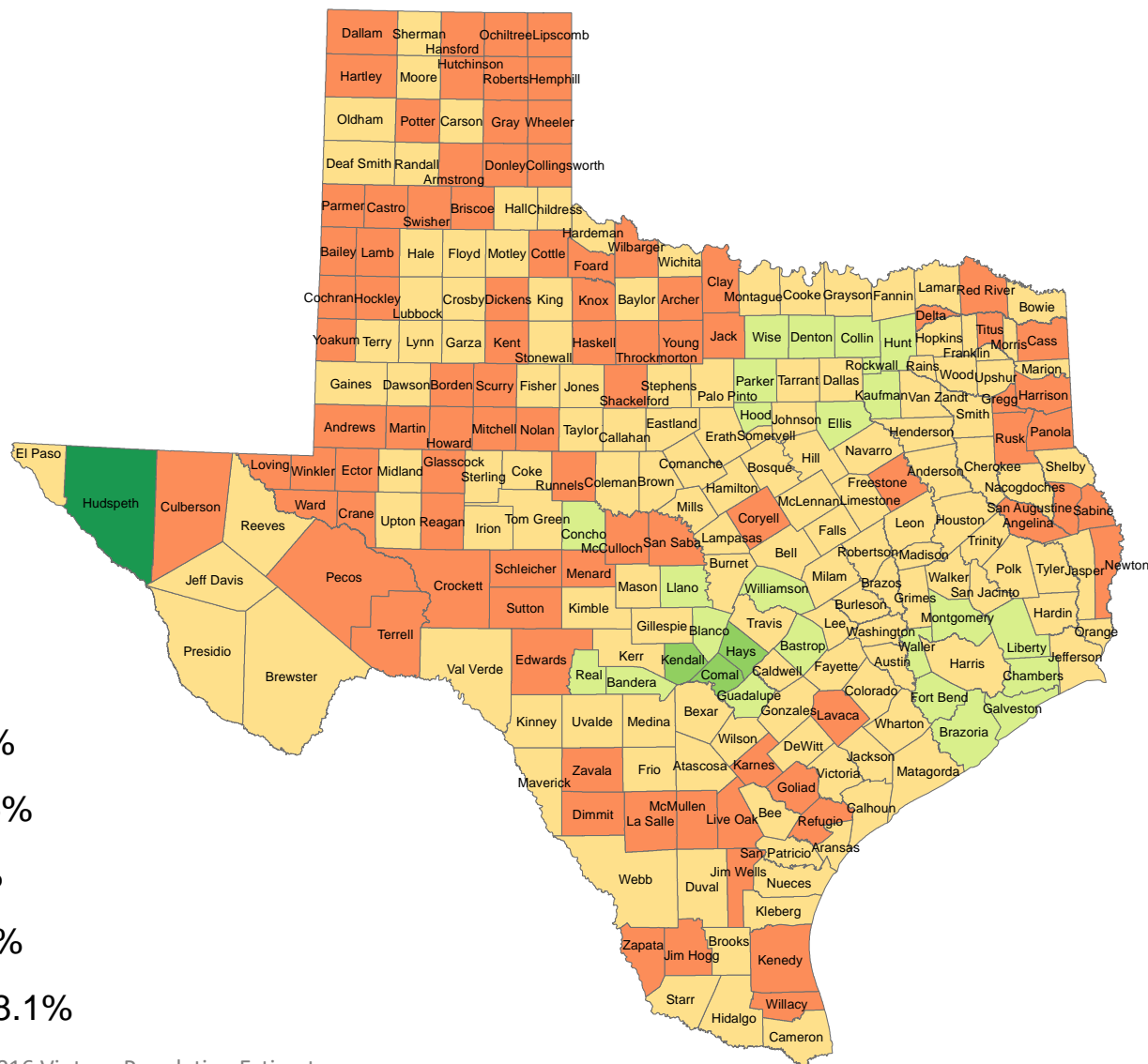
Source: U.S. Census Bureau, 2016 Vintage Population Estimates



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Estimated Percent Change of the Total Population by County, Texas, 2010 to 2016



Source: U.S. Census Bureau, 2016 Vintage Population Estimates



Top Counties for Percent Growth* in Texas, 2015-2016

	U.S. Rank	2015-2016 Percent Population Change	Percent Change from Migration	Percent of Migration that is International
Kendall County	2	5.2%	92.0%	4.0%
Hays County	3	5.1%	81.9%	2.1%
Comal County	6	4.4%	85.8%	2.2%
Williamson County	14	4.1%	76.4%	7.1%
Fort Bend County	18	3.8%	72.7%	21.0%
Montgomery County	24	3.7%	79.2%	9.9%
Rockwall County	25	3.6%	81.5%	2.9%
Denton County	28	3.6%	74.3%	11.9%
Kaufman County	36	3.4%	81.8%	2.6%
Bastrop County	43	3.1%	83.6%	0.9%

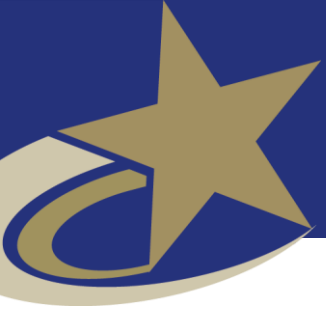
*Among counties with 10,000 or more population in 2016



Top Counties for Numeric Growth in Texas, 2015-2016

	U.S. Rank Population Change	Population Change	Percent of Change from Natural Increase	Percent Change from Migration	Percent of Migration that is international
Harris County	2	56,587	82.0%	20.7%	238.7%*
Tarrant County	5	35,462	44.5%	55.7%	32.1%
Bexar County	7	33,198	44.7%	55.5%	29.1%
Dallas County	9	29,209	81.0%	20.3%	204.3%*
Denton County	11	27,689	23.3%	74.3%	11.9%
Fort Bend County	13	27,388	23.9%	72.7%	21.0%
Collin County	14	26,506	25.3%	72.9%	20.9%
Travis County	17	24,505	44.5%	56.3%	40.3%
Williamson County	22	20,659	19.4%	76.4%	7.1%
Montgomery County	24	19,769	18.0%	79.2%	9.9%

*Harris and Dallas counties had net out domestic migration over this period.

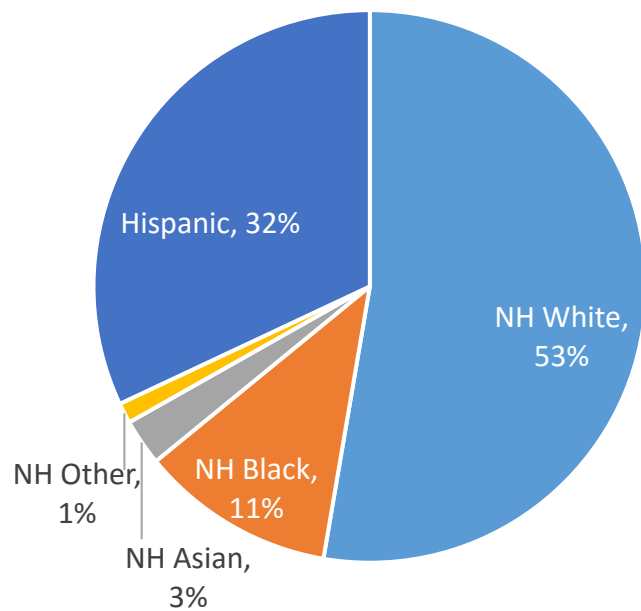


Texas continues to racially/ethnically diversify.

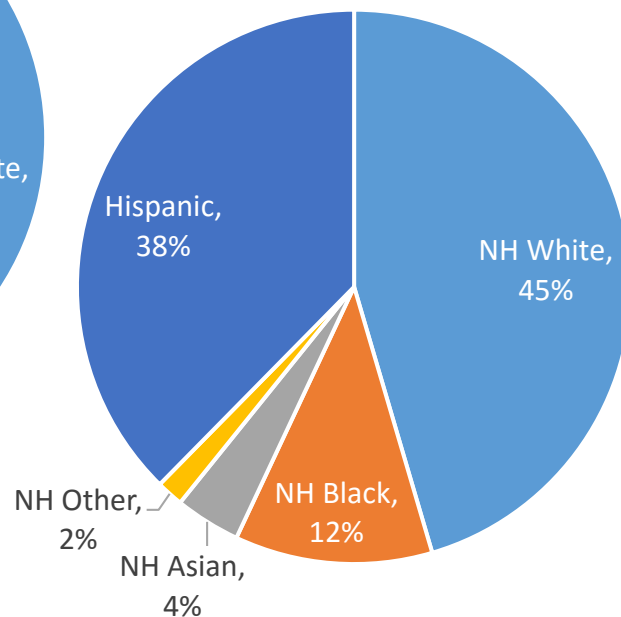


Texas Racial and Ethnic Composition, 2000, 2010, and 2015

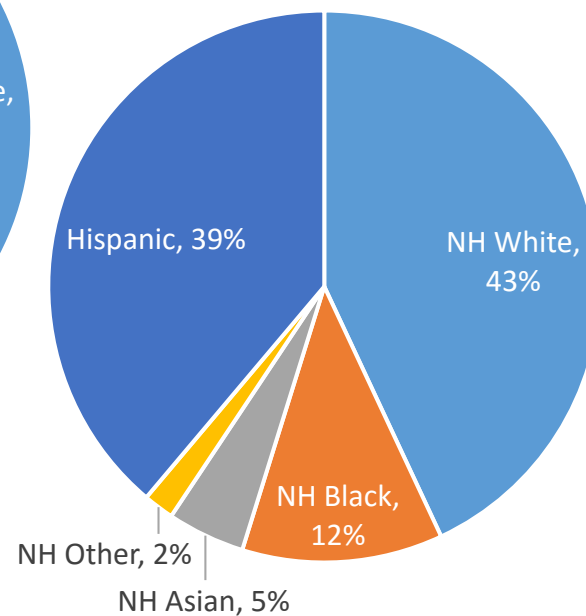
2000



2010



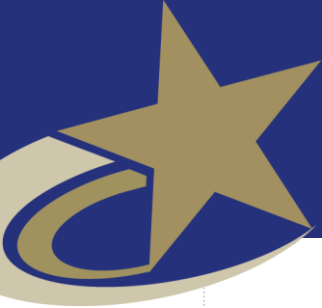
2015



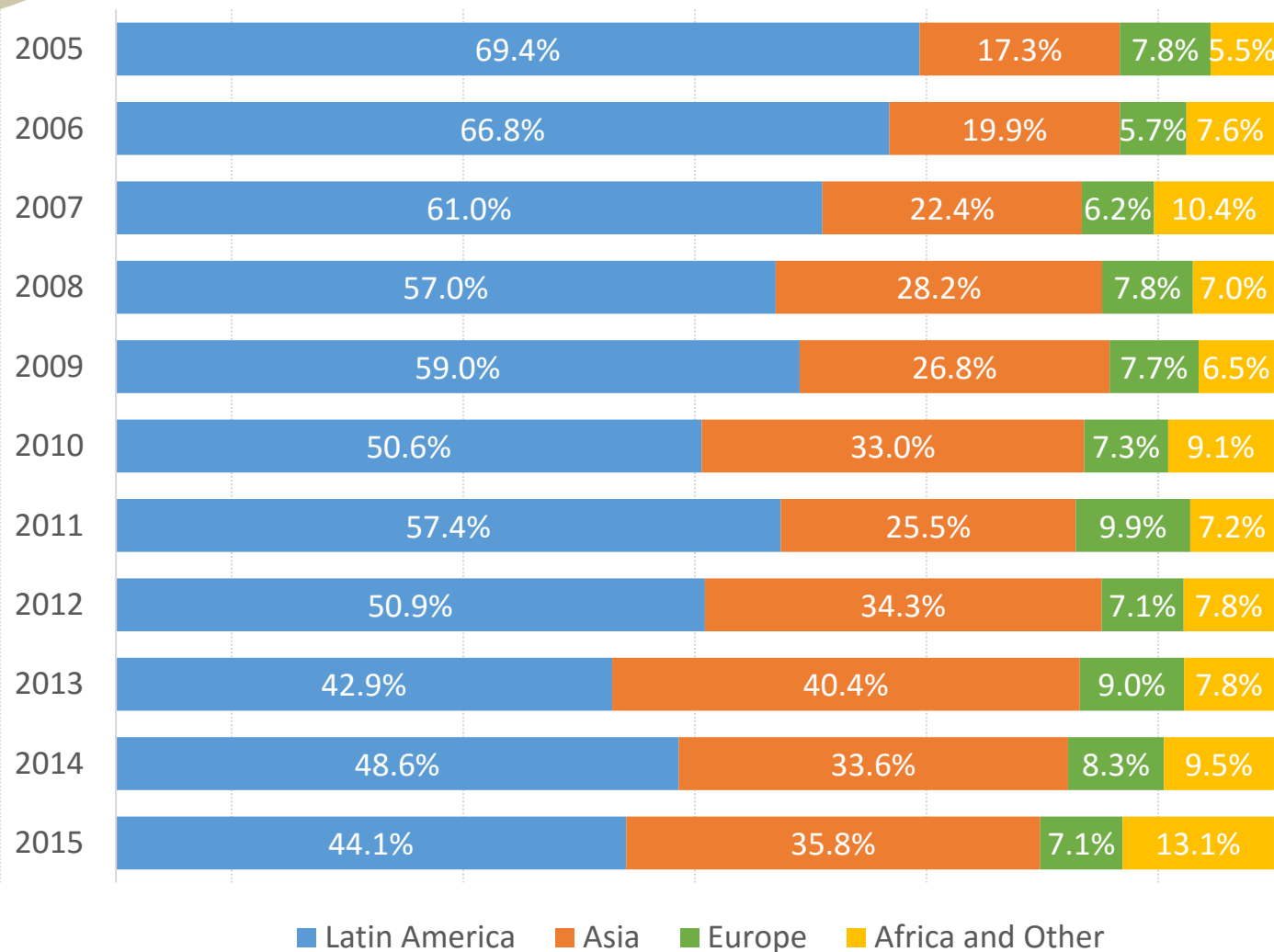


Racial and Ethnic Composition of Texas and Top 10 Most Populous Counties, 2015

	NH White	NH Black	Hispanic	NH Asian	NH Other
TEXAS	43.0%	11.8%	38.8%	4.6%	1.8%
Denton County	60.9%	9.3%	19.2%	8.0%	2.6%
Collin County	59.4%	9.4%	15.2%	13.4%	2.7%
Travis County	49.5%	8.0%	33.9%	6.4%	2.1%
Tarrant County	48.6%	15.6%	28.2%	5.3%	2.4%
Fort Bend County	34.6%	20.1%	24.1%	19.2%	1.9%
Harris County	31.0%	18.5%	42.0%	7.0%	1.6%
Dallas County	30.6%	22.3%	39.5%	6.0%	1.6%
Bexar County	28.7%	7.3%	59.5%	2.7%	1.7%
El Paso County	13.1%	3.2%	81.3%	1.2%	1.2%
Hidalgo County	7.0%	0.5%	91.3%	1.0%	0.2%



Annual Shares of Recent Non-Citizen Immigrants to Texas by World Area of Birth, 2005-2015

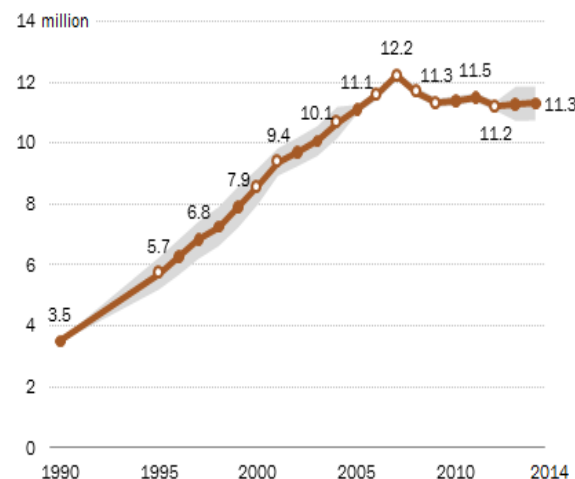




Unauthorized and Mexican Immigration, 2014

U.S. Unauthorized Immigrant Population Levels Off

U.S. Unauthorized Immigrant Population Levels Off



Note: Shading surrounding line indicates low and high points of the estimated 90% confidence interval. White data markers indicate the change from the previous year is statistically significant (for 1995, change is significant from 1990). Data labels are for 1990, odd years from 1995-2011, 2012, 2014.

Source: Pew Research Center estimates based on residual methodology applied to March supplements to the Current Population Survey (1995-2004, 2013-2014) and American Community Survey (2005-2012). Estimates for 1990 from Warren and Warren (2013).

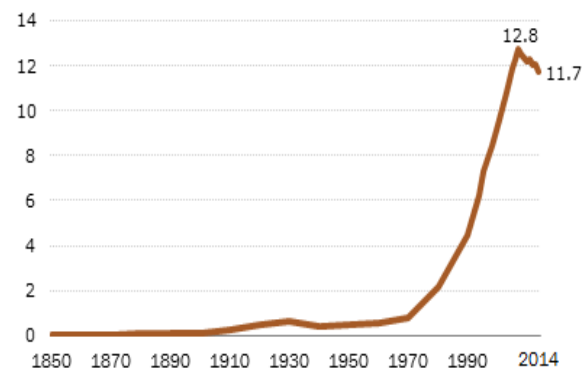
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Mexican Immigrant Population in the U.S. in Decline

Figure 2

Mexican Immigrant Population in the U.S. in Decline

In millions

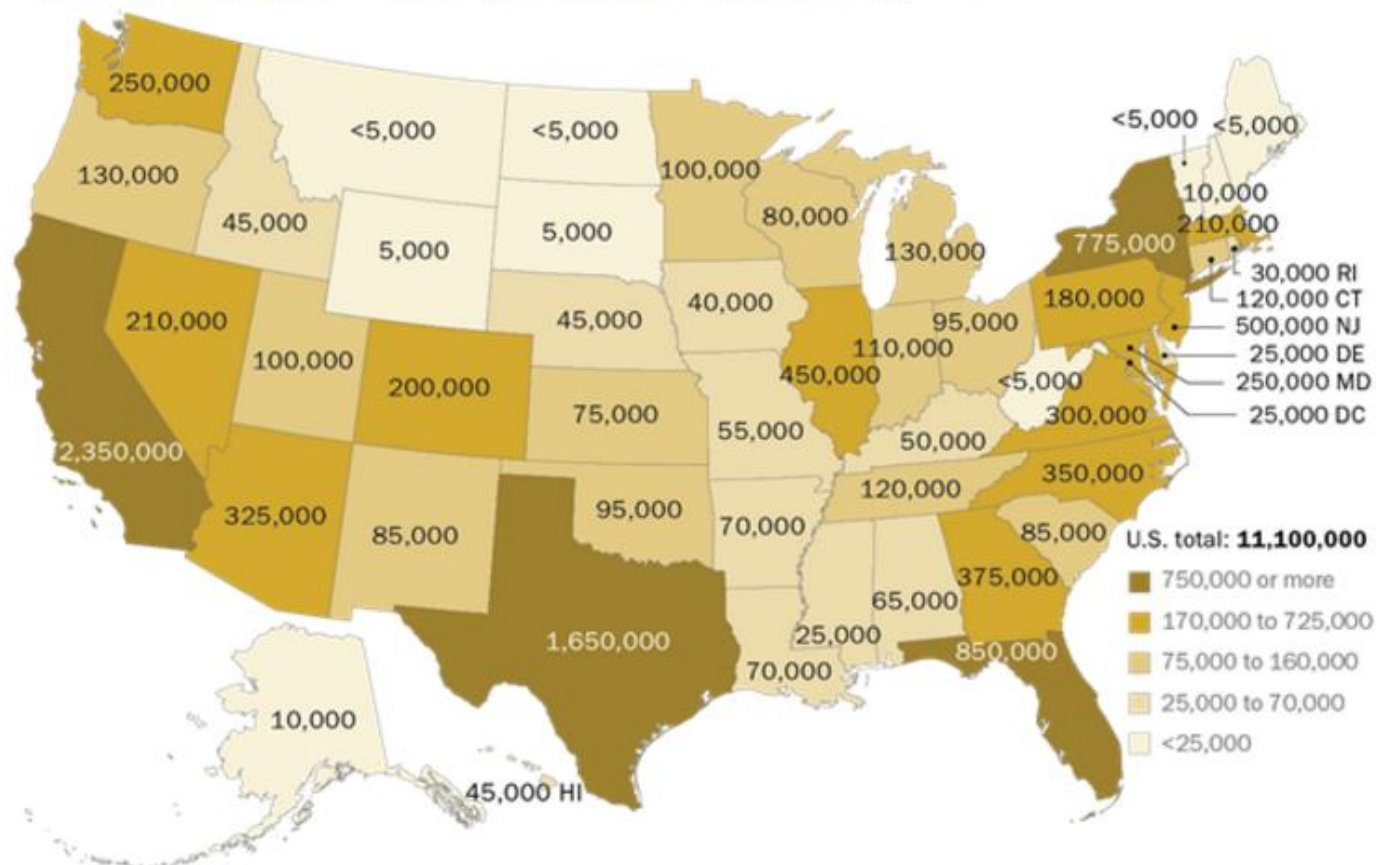


Source: For 1850 to 1980: Gibson, Campbell and Kay Jung, "Historical Census Statistics on the Foreign-Born Population of the United States: 1850-2000," U.S. Census Bureau, Population Division, Working Paper No. 81, 2006; for Mexican born 1980 and 1990: Integrated Public Use Microdata Series (IPUMS-USA); for 2005 to 2012: Pew Research Center estimates based on augmented American Community Surveys; for 1995-2000 and 2013-2014: Pew Research Center estimates based on augmented March supplements to the Current Population Survey and 2000 Decennial Census.

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Estimated unauthorized immigrant population, by state, 2014



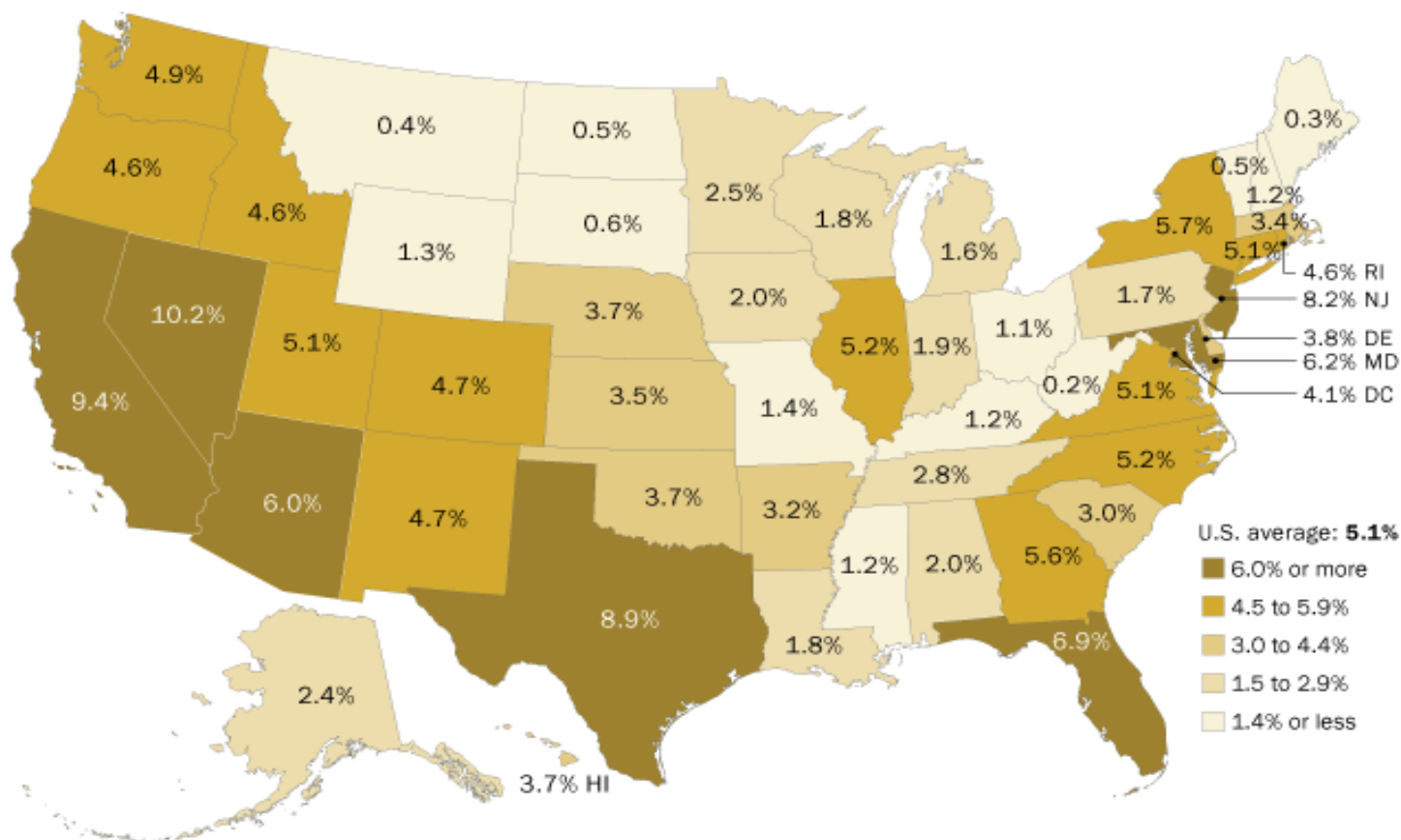
Note: Population figures are rounded. See methodology for rounding rules.

Source: Pew Research Center estimates based on augmented 2014 American Community Survey (IPUMS).
"Overall Number of U.S. Unauthorized Immigrants Holds Steady Since 2009"

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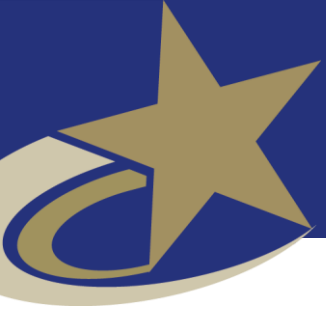


Unauthorized Immigrants as Share of Labor Force, by State, 2012

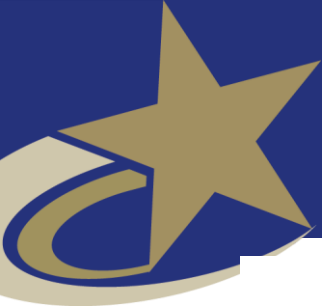


Note: Percentages calculated from unrounded numbers.

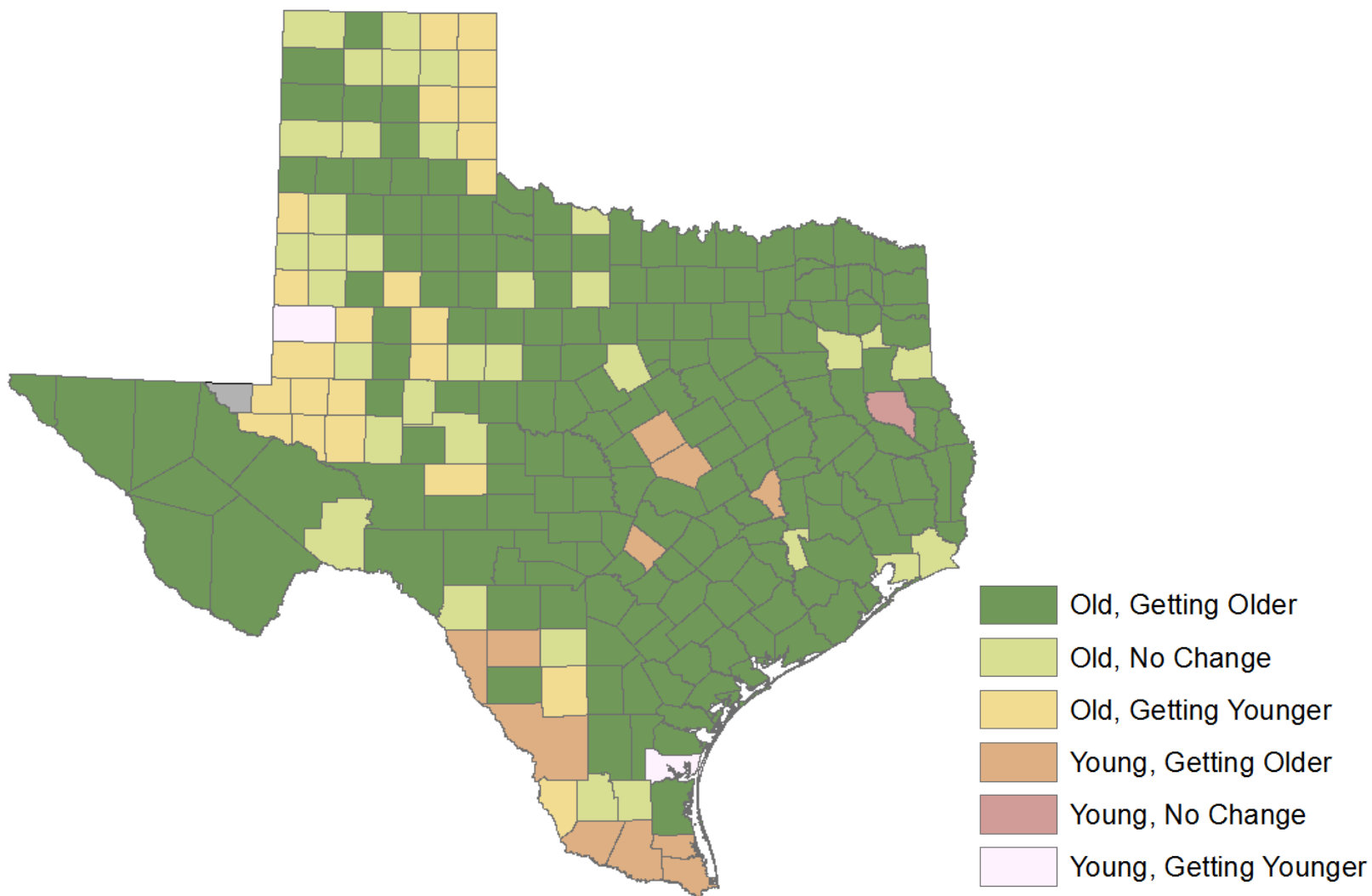
Source: Pew Research Center estimates for 2012 based on augmented American Community Survey data from Integrated Public Use Microdata Series (IPUMS)



Texas is young, but aging.



Median Age by Change in Median Age in Texas Counties, 2000-2014

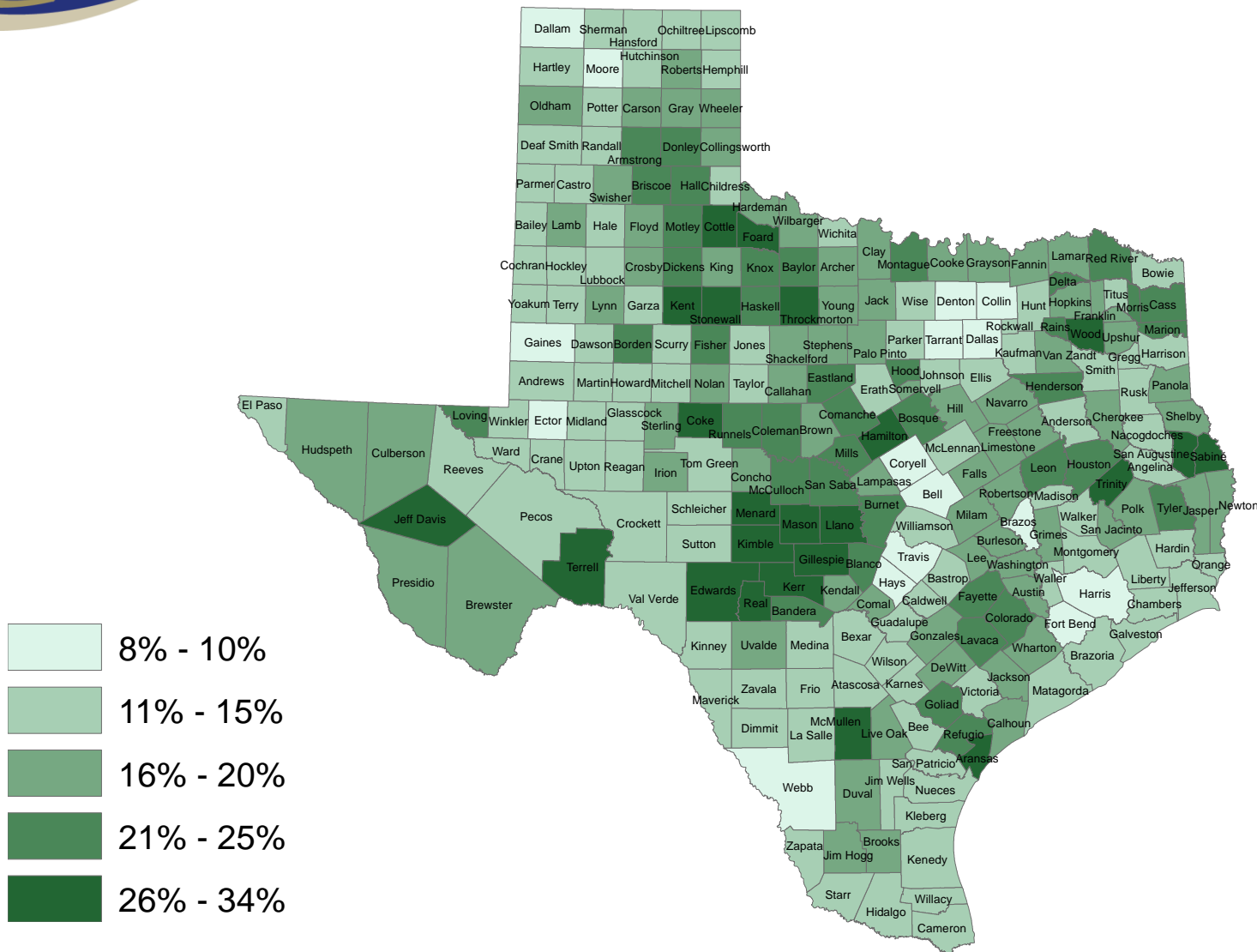


Source: U.S. Census Bureau, 2000, 2010 Decennial Censuses and 2014 Population Estimates

Note: Old=Median Age>30 years; no data available for counties in gray.



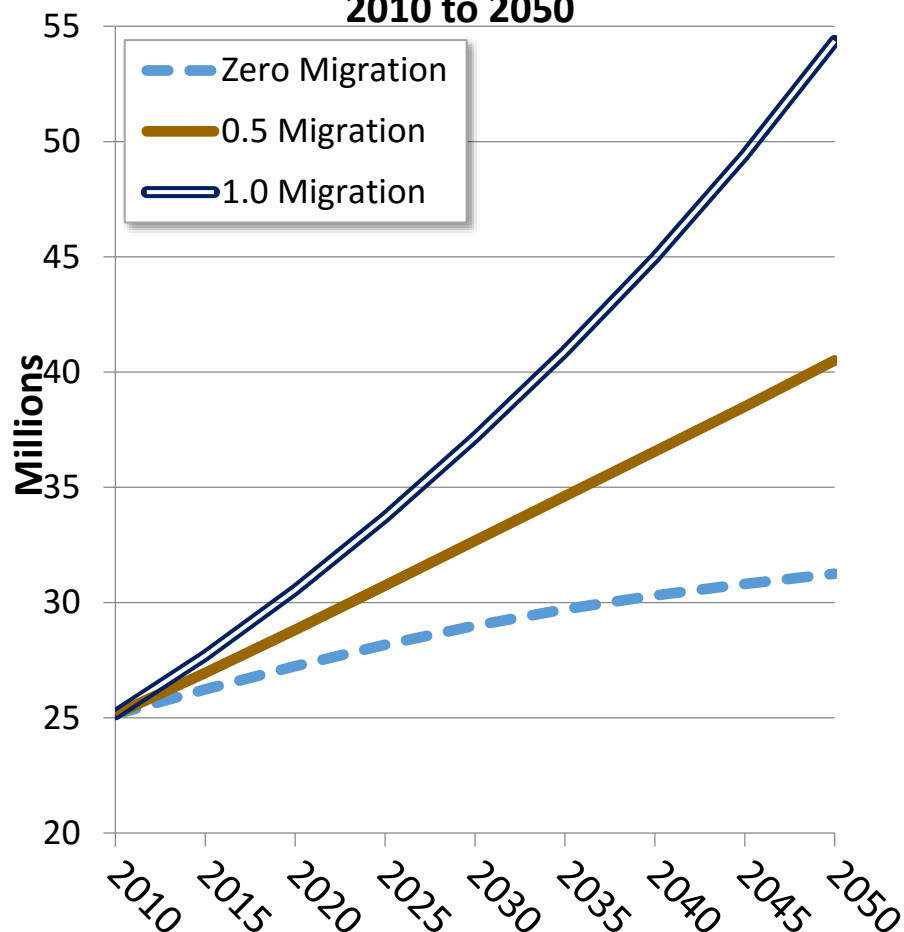
Percent of Population 65 Years Plus, Texas Counties, 2011-2015



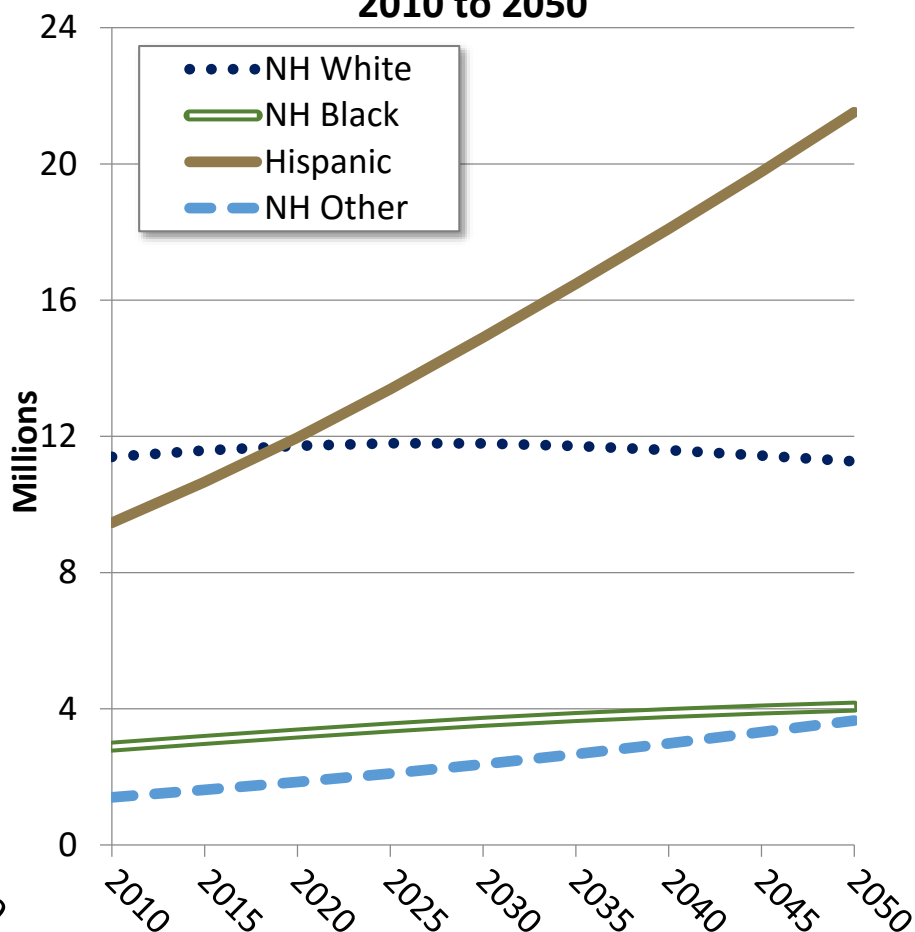


Population Projections, Texas, 2010 - 2050

**Projected Population in Texas,
2010 to 2050**



**Projected Texas Population by Race/Ethnicity,
2010 to 2050**



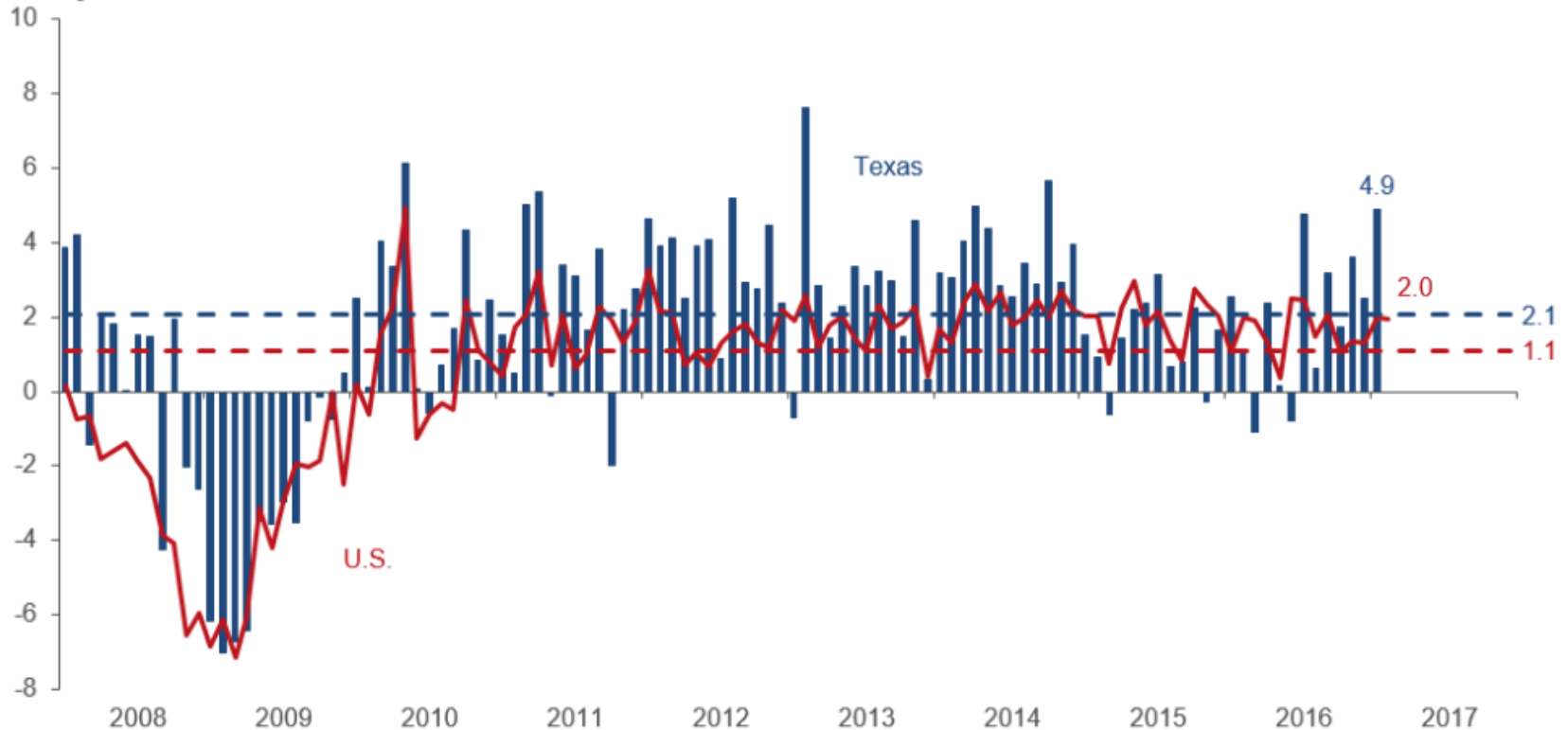


Implications for education, the labor force, and the economy

Job Growth, U.S. and Texas, 2008 to 2017

Chart 3
Job Growth Accelerates in January

Percent growth, month/month*



*Seasonally adjusted, annualized rate.

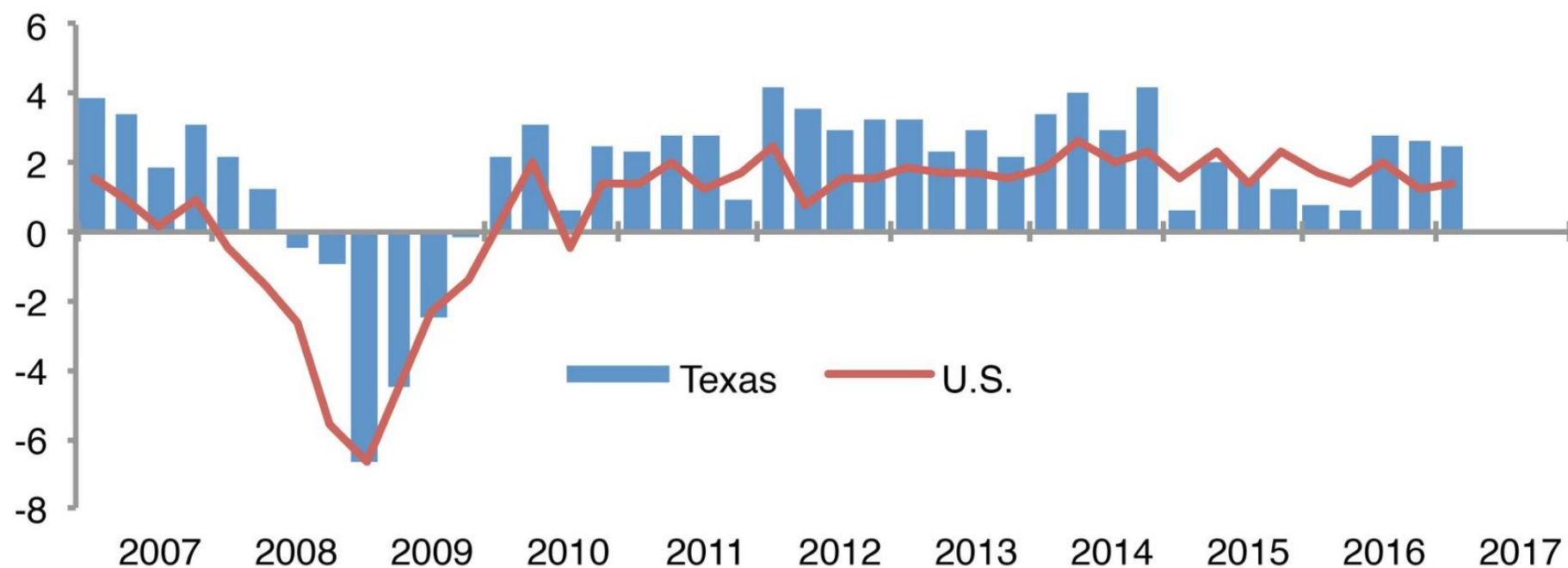
NOTES: Data are through February 2017 for U.S. and January 2017 for Texas. Dotted lines represent the annual average growth rate from 1990 to 2016.

SOURCES: Bureau of Labor Statistics; Texas Workforce Commission; seasonal and other adjustments by the Federal Reserve Bank of Dallas.



Texas Employment

Quarter/quarter percent change*



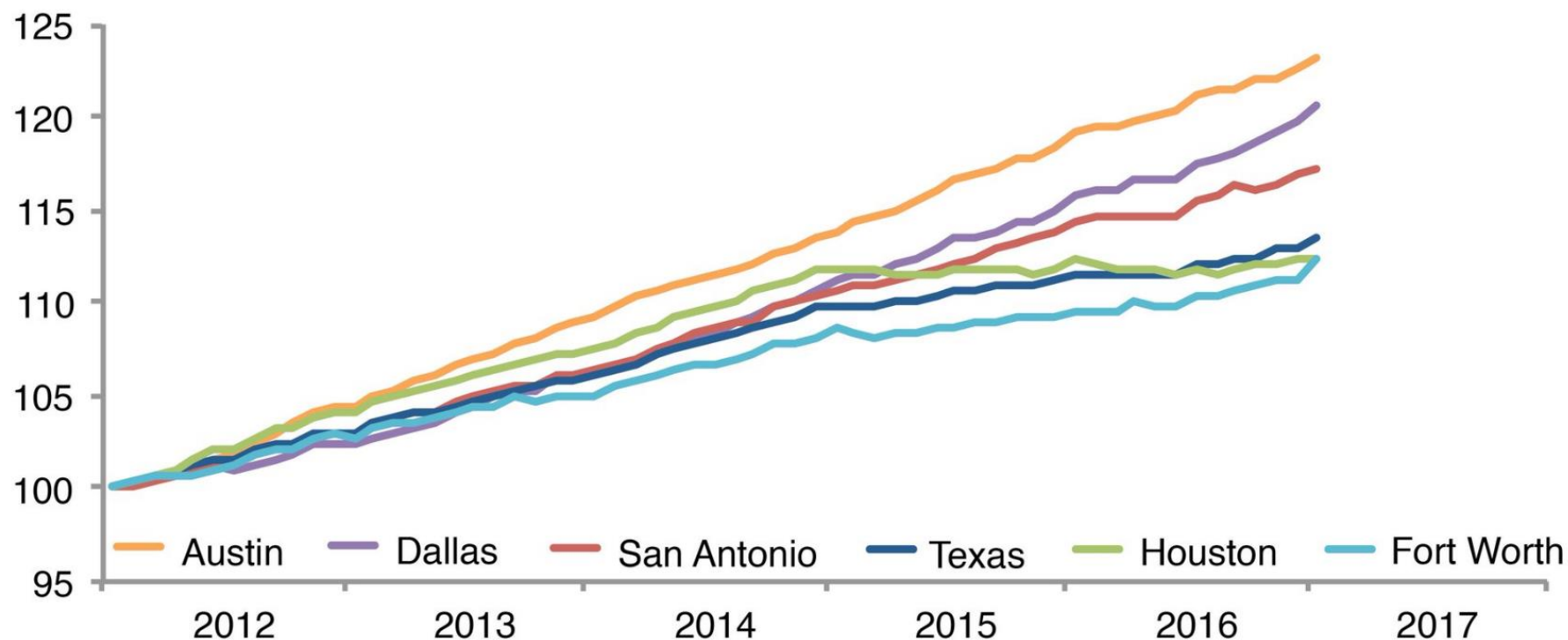
*Seasonally adjusted.

SOURCES: Bureau of Labor Statistics; Texas Workforce Commission; adjustments by the Dallas Fed.



Texas Employment

Index, January 2012 = 100*



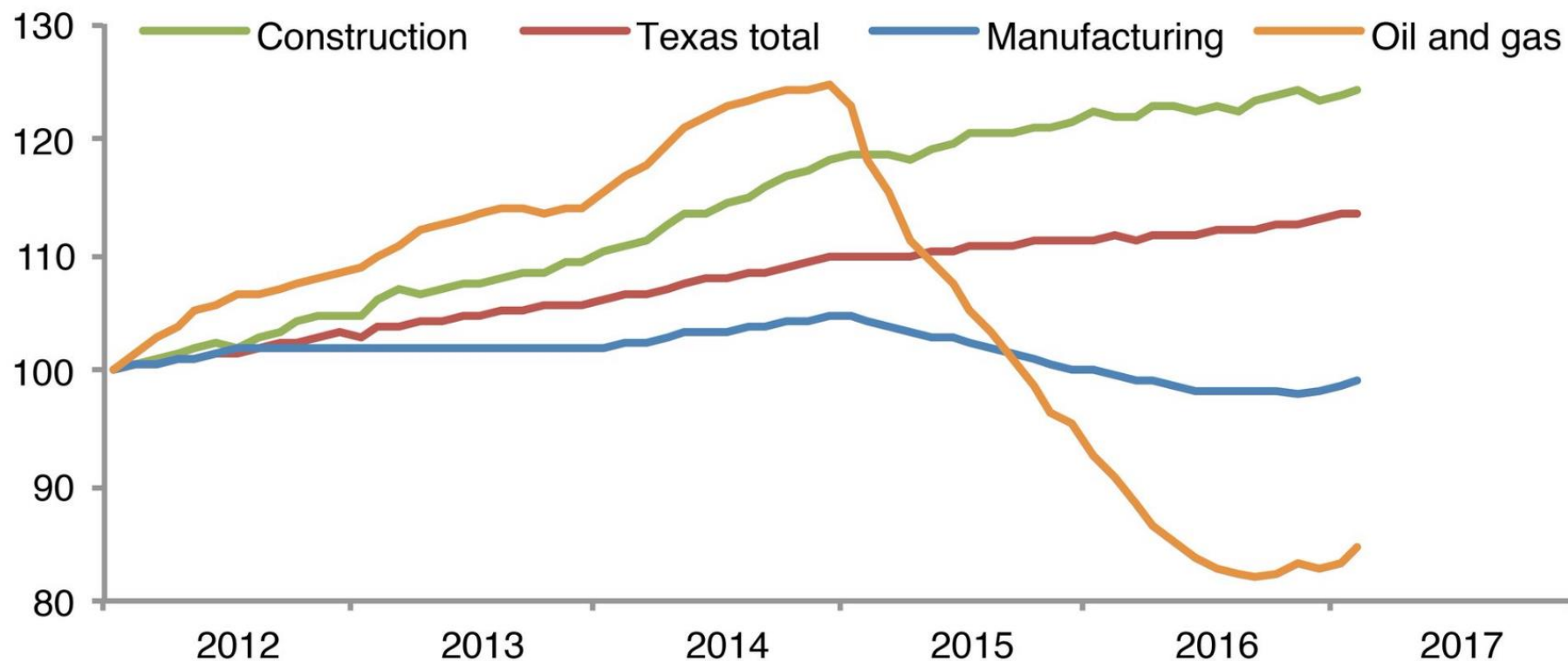
*Seasonally adjusted.

SOURCES: Bureau of Labor Statistics; Texas Workforce Commission; adjustments by the Dallas Fed.



Texas Employment Growth

Index, January 2012 = 100*



*Seasonally adjusted.

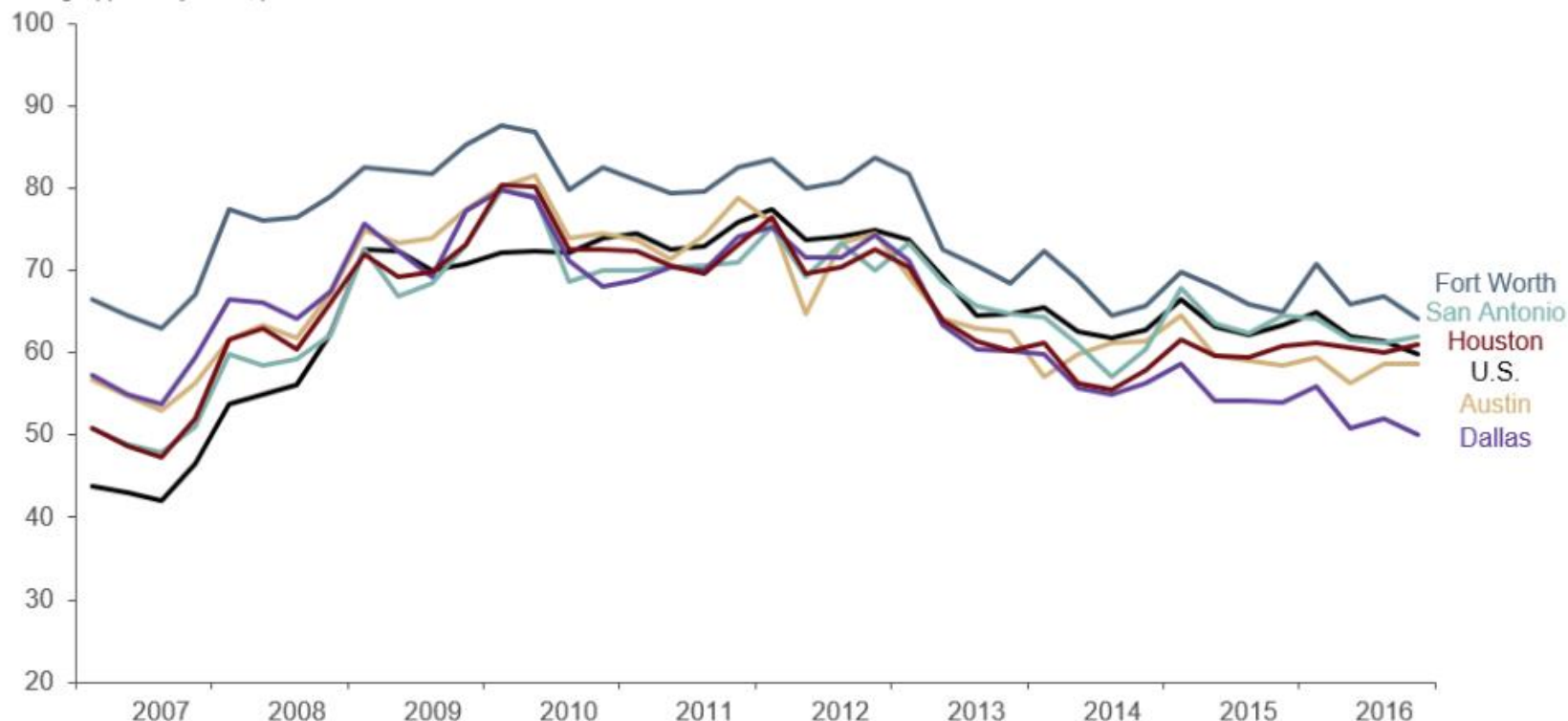
SOURCES: Bureau of Labor Statistics; Texas Workforce Commission; adjustments by the Dallas Fed.



Housing Affordability in Select Texas Metros, 2007-2016

Chart 5
Housing Affordability Trending Down, Particularly in Dallas

Housing Opportunity Index, percent

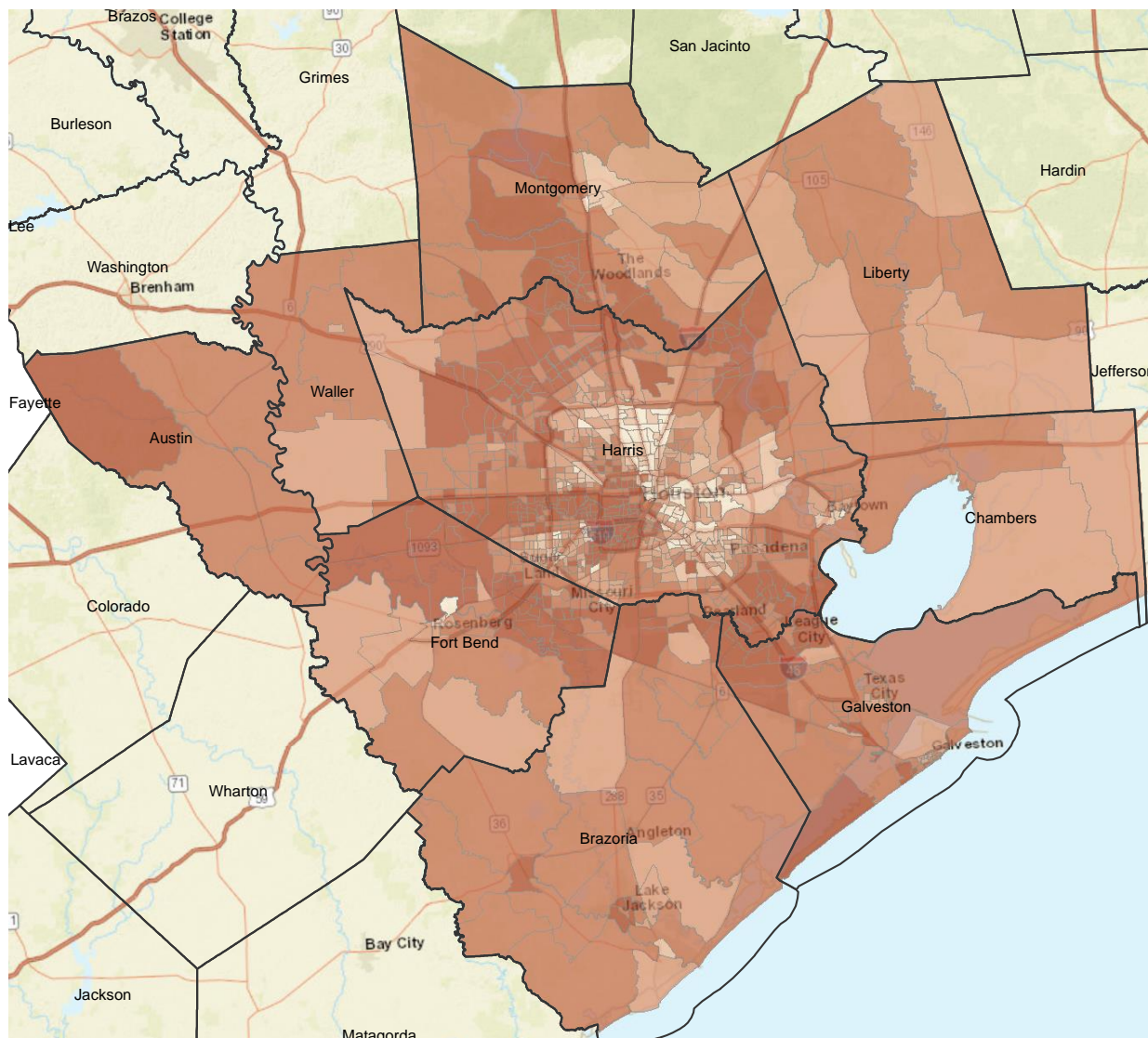
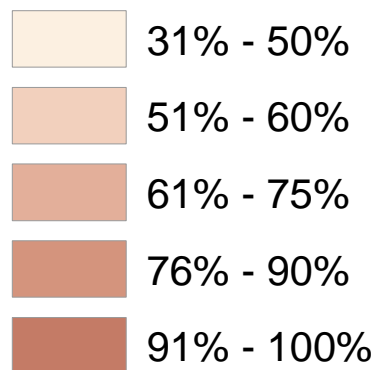


NOTES: Data are through fourth quarter 2016. The Housing Opportunity Index represents the share of homes sold in a given area that would have been affordable to a family earning the local median income.

SOURCE: National Association of Home Builders/Wells Fargo.



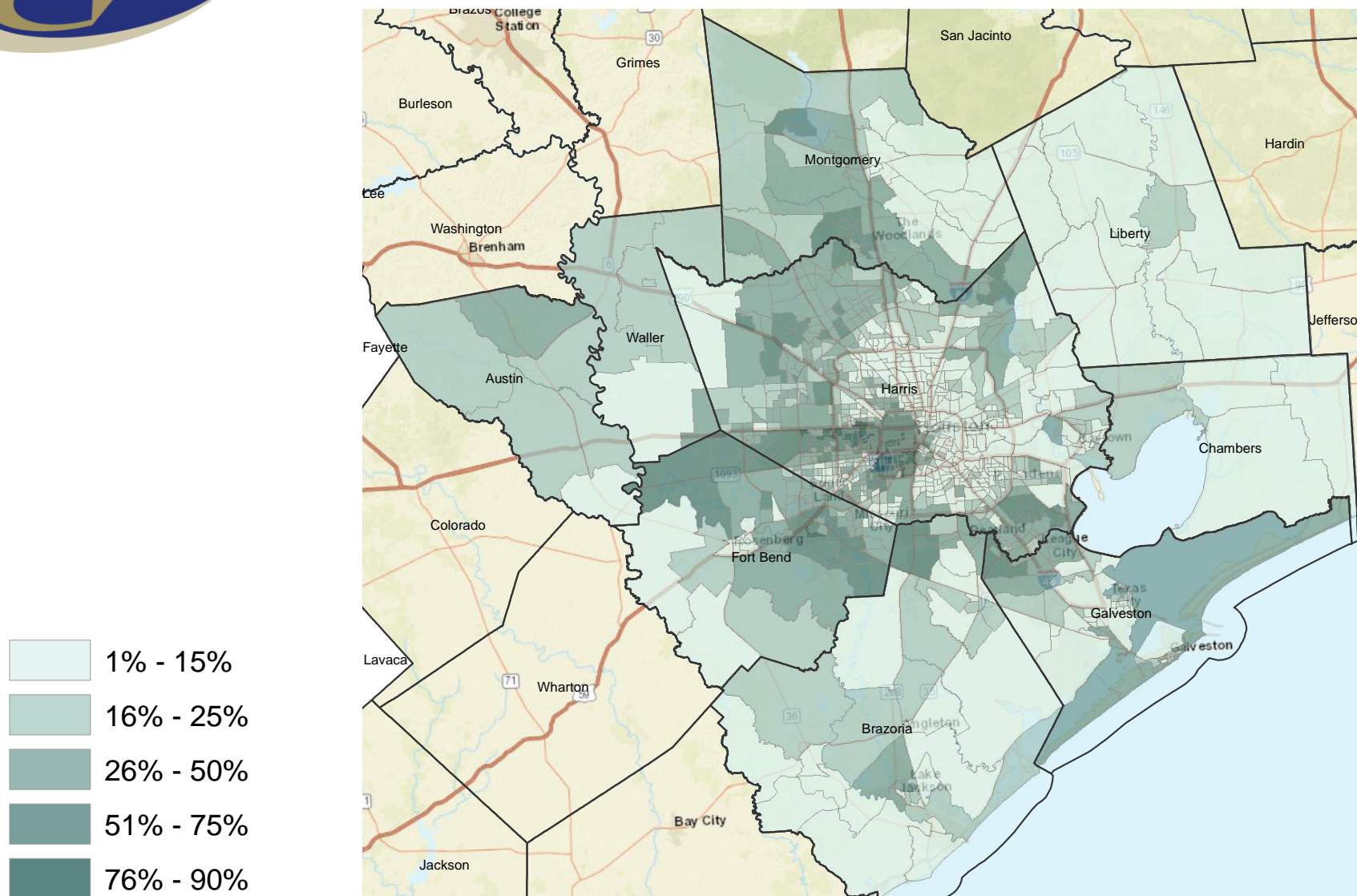
Percent High School Graduate or higher, Houston Metro, 2011-2015



Source: U.S. Census Bureau, ACS 2015 5-Year Estimates



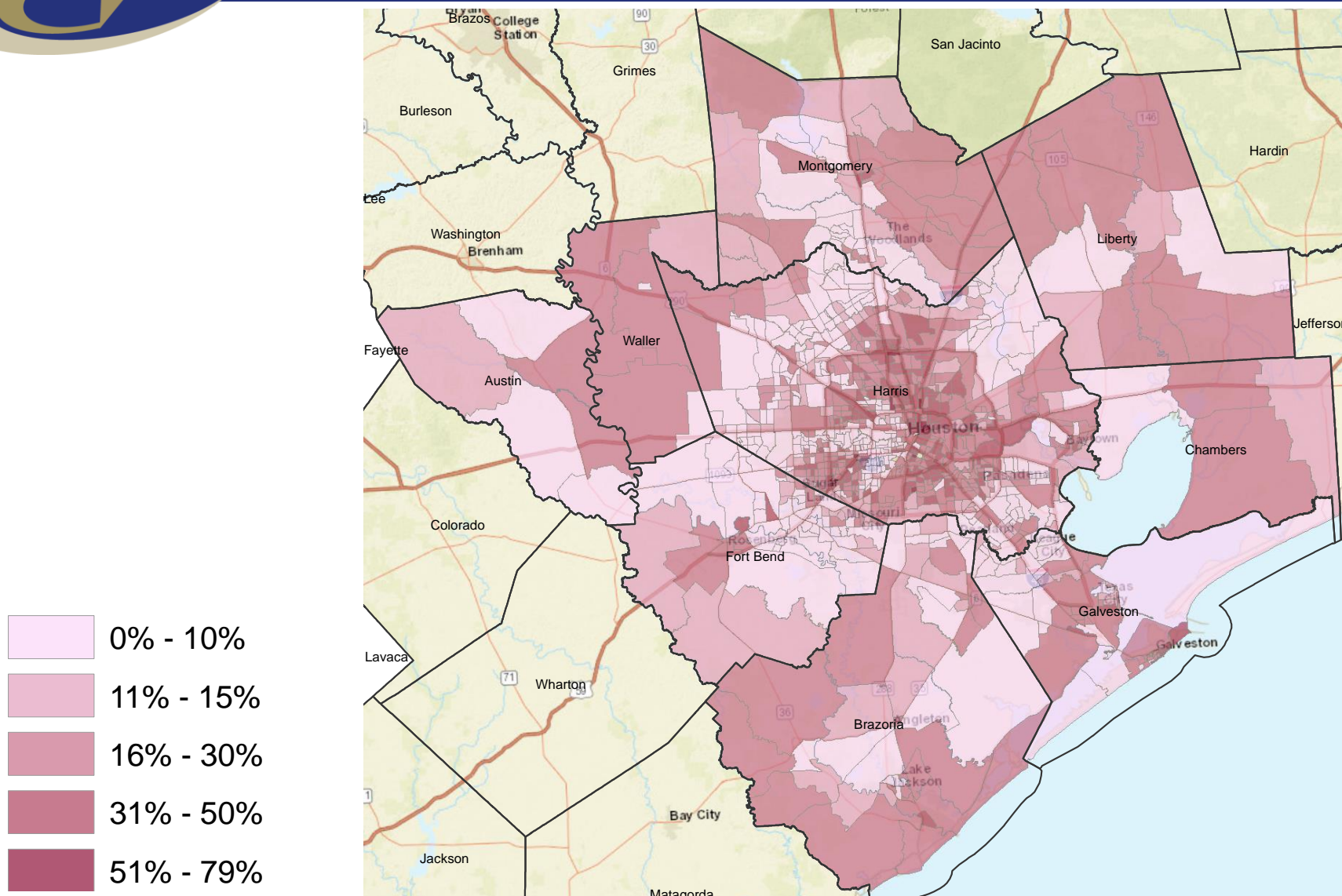
Percent Bachelor's Degree or higher, Houston Metro, 2011-2015



Source: U.S. Census Bureau, ACS 2015 5-Year Estimates



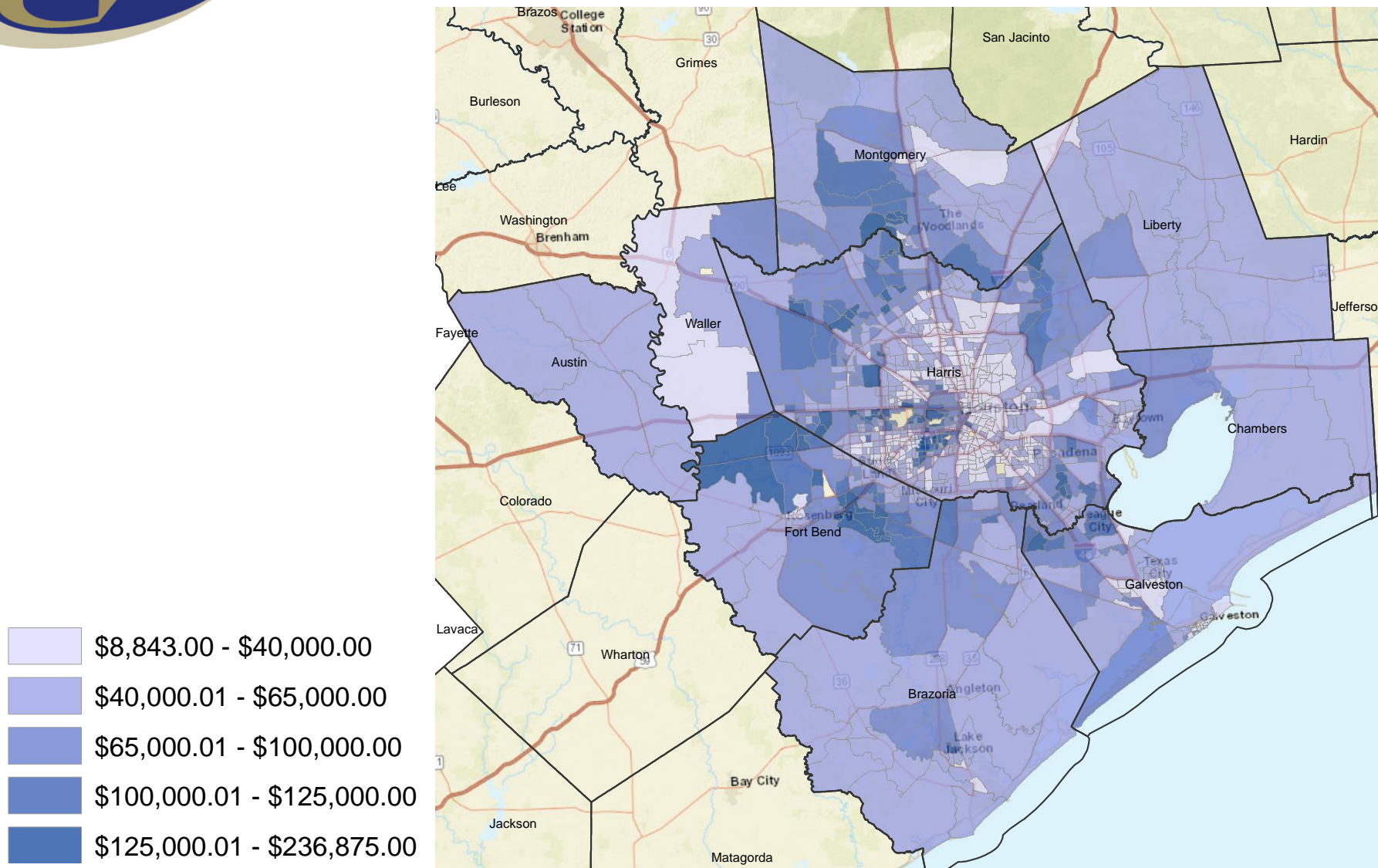
Percent of People living below Poverty, Houston Metro, 2011-2015



Source: U.S. Census Bureau, ACS 2015 5-Year Estimates



Median Household Income, Houston Metro, 2011-2015



Source: U.S. Census Bureau, ACS 2015 5-Year Estimates



Employment Status of the Labor Force by Educational Attainment, Texas

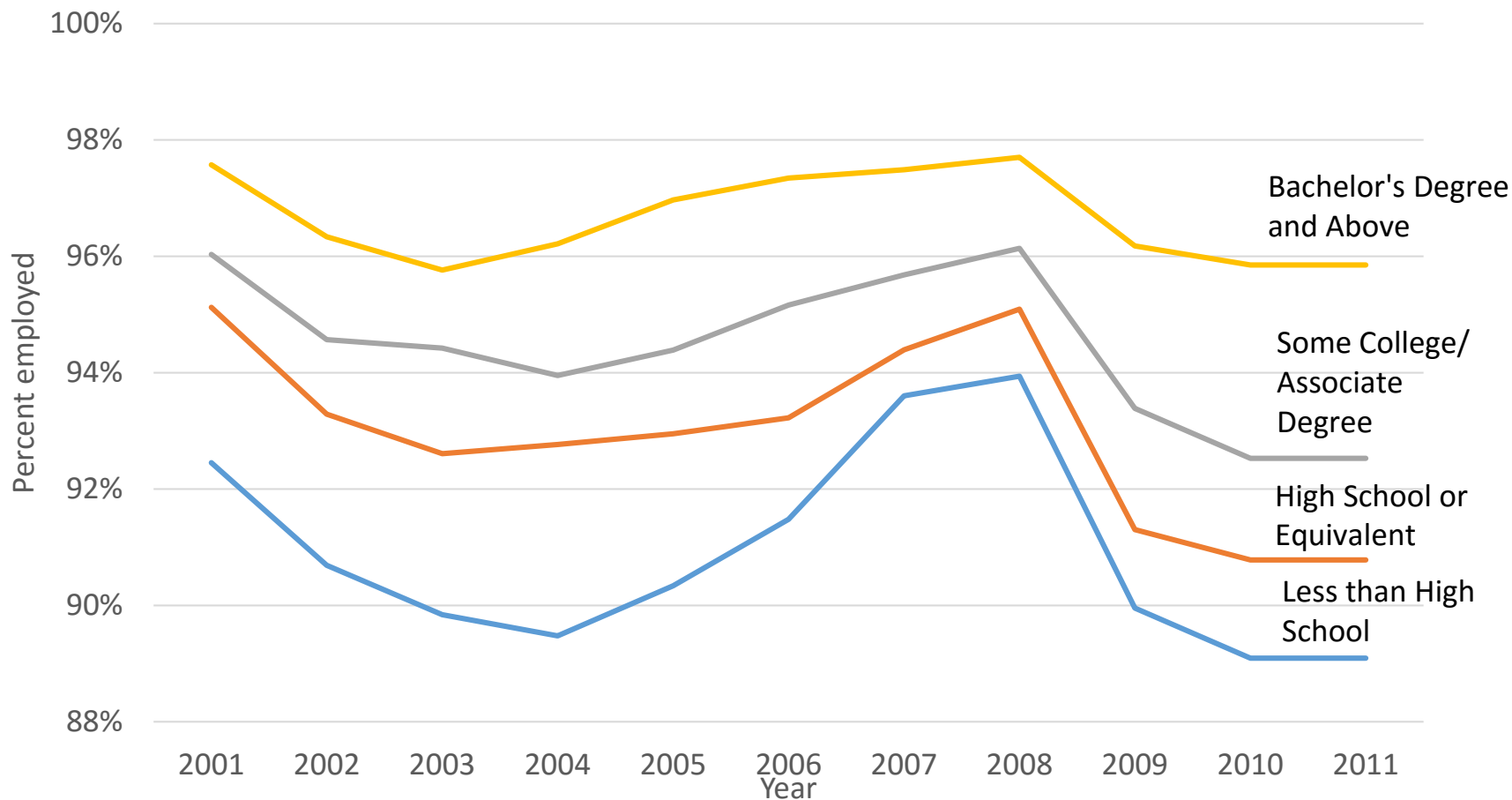
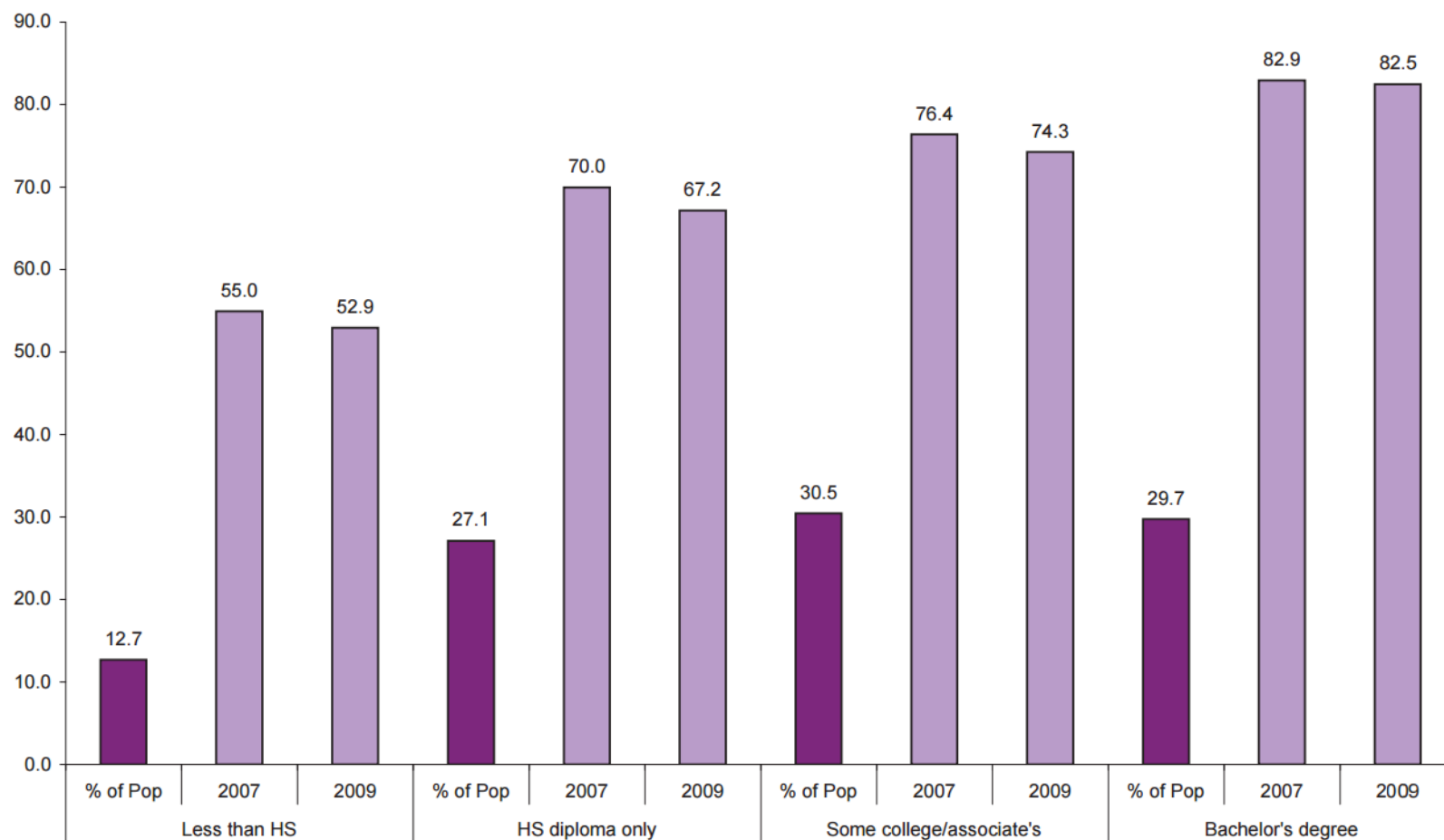




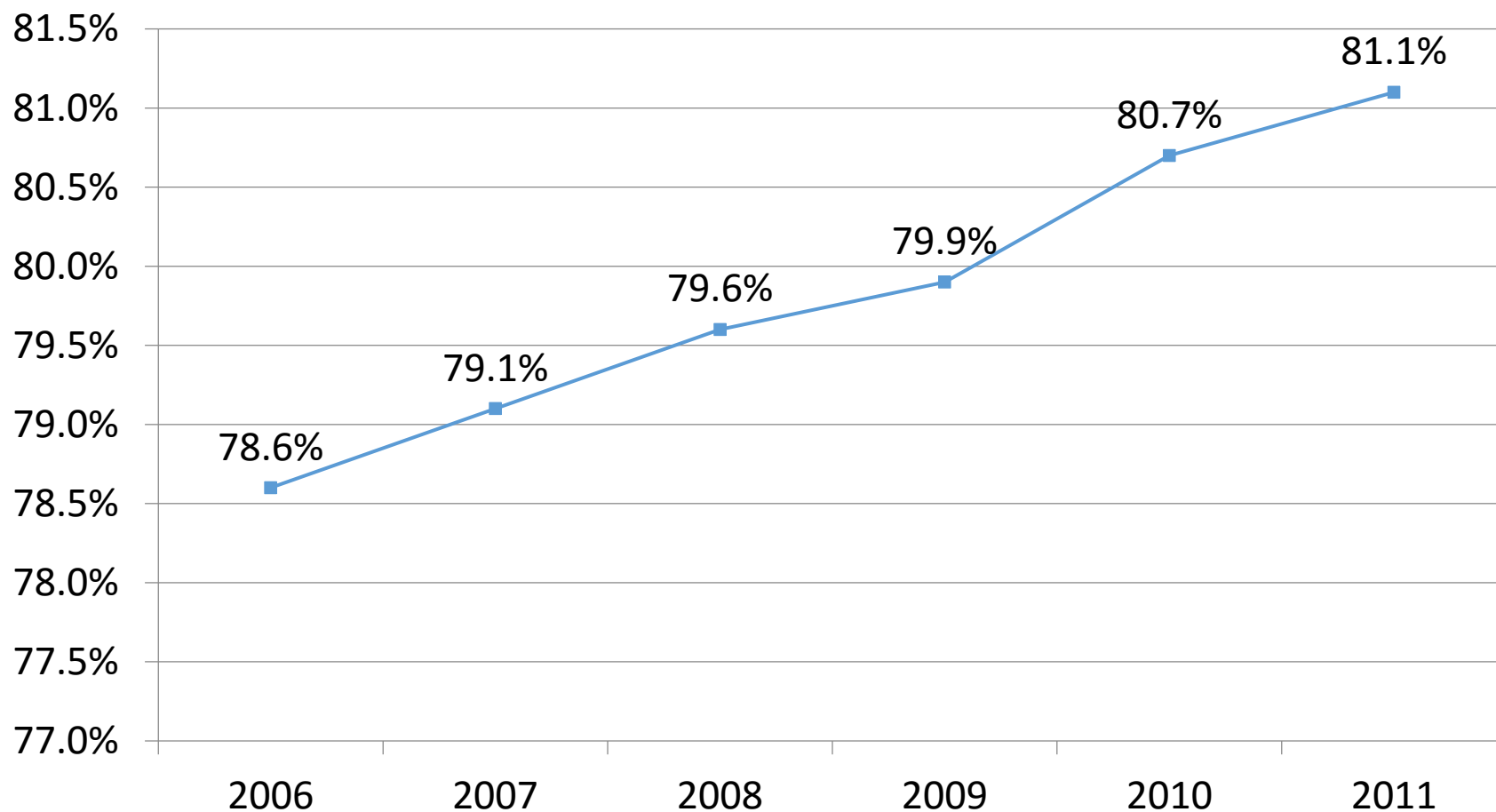
Figure 1. Share of Population and Employment-to-Population Ratio by Educational Attainment, Adults Age 25 to 64, United States, 2007-2009



Source: Brookings analysis of 2007 and 2009 American Community Survey data. All changes from 2007 to 2009 are significant at 90% confidence interval.

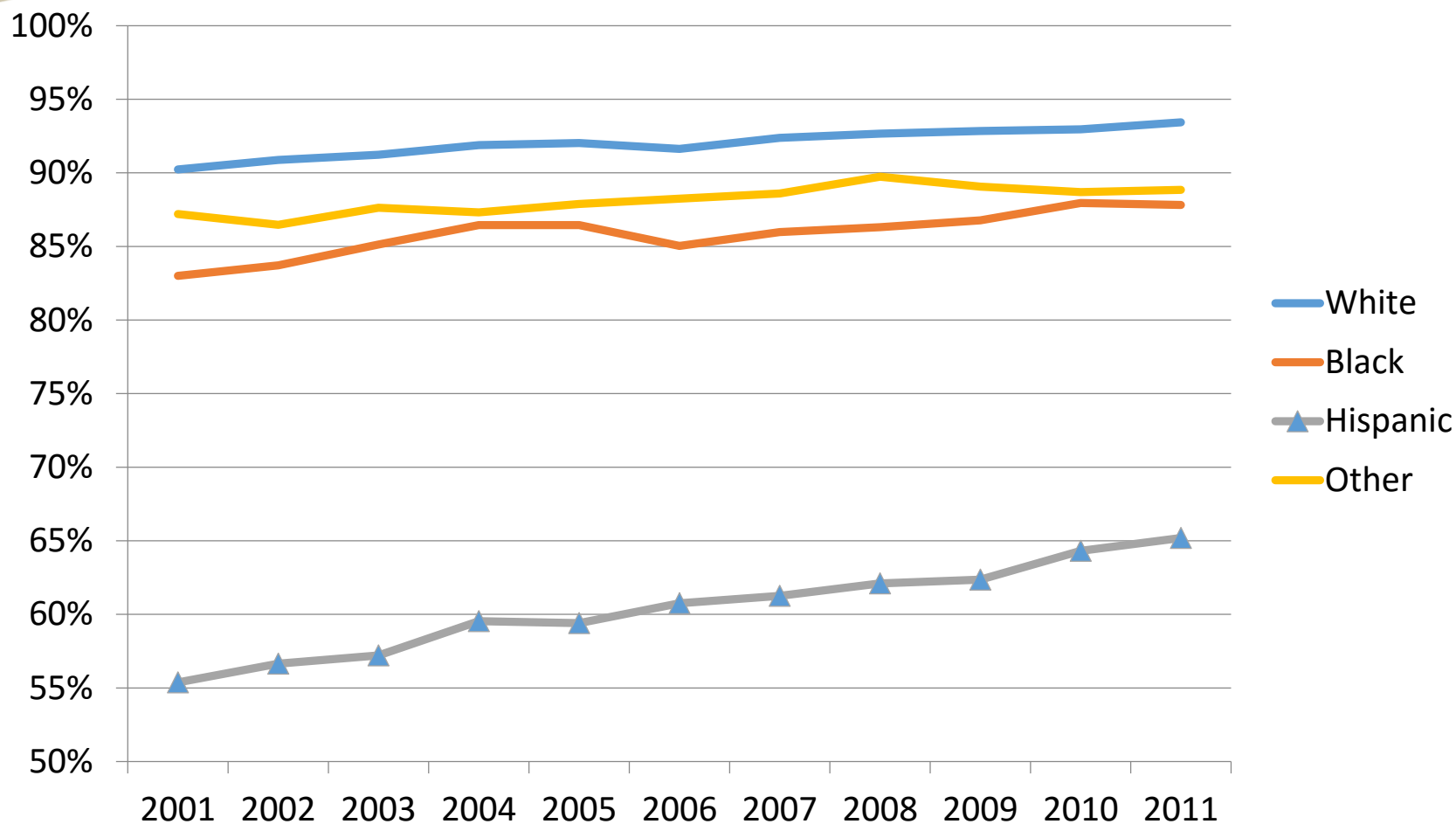


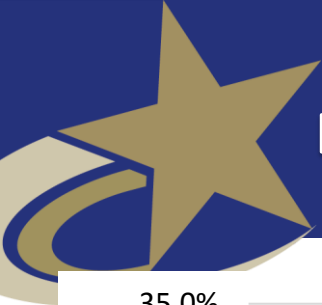
Percent of persons aged 25 years and older with a high school degree or higher, Texas, 2006-2011



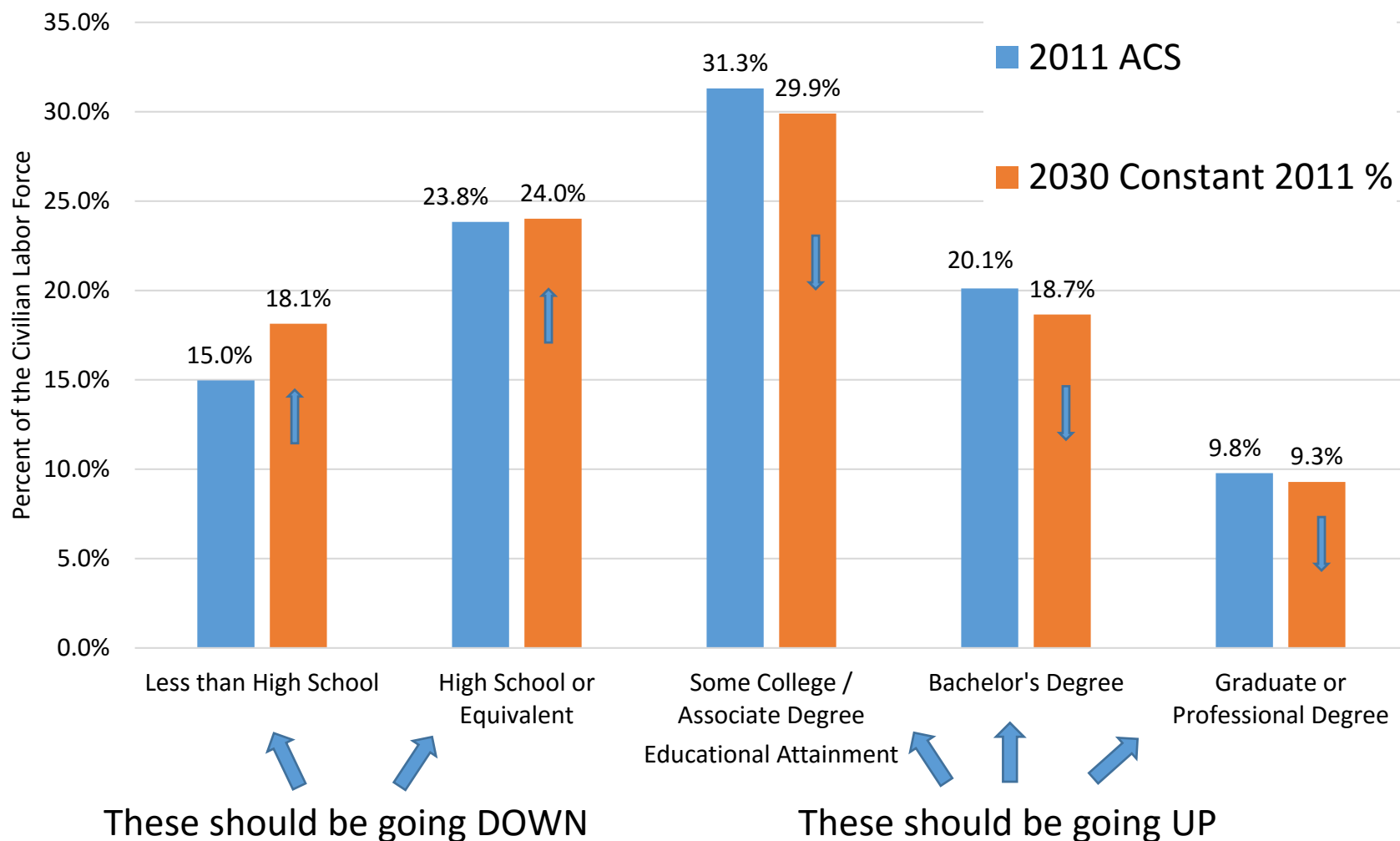


Trends in Educational Attainment of Persons in the Labor Force (25-64 Years of Age) in Texas by Race/Ethnicity – High School Graduates and Above

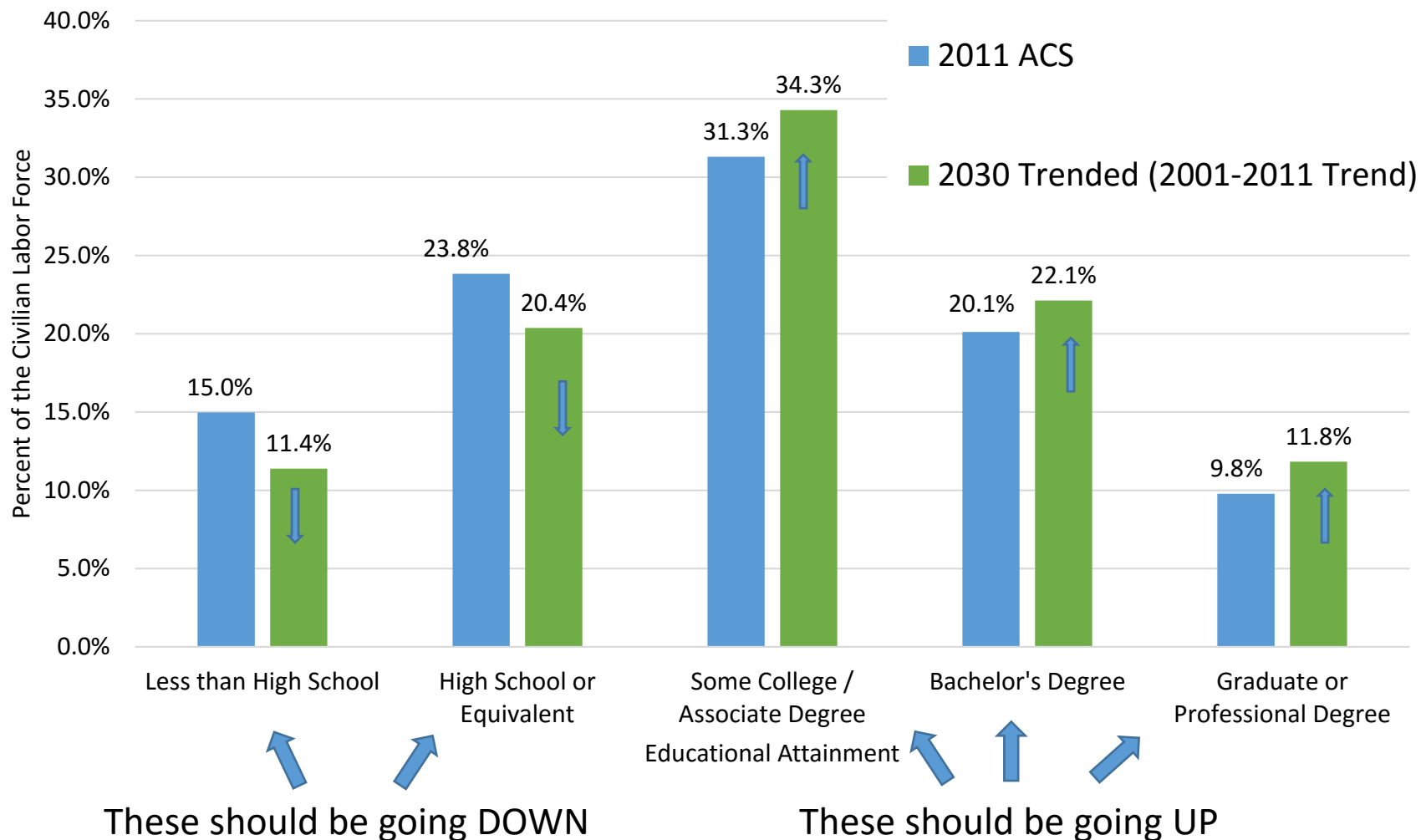


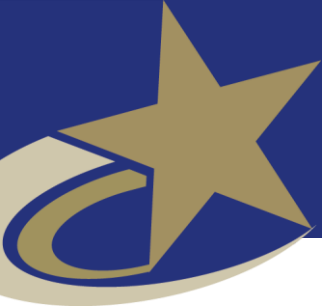


Percent of the Civilian Labor Force (ages 25-64) by Educational Attainment for 2011, 2030 Using Constant Rates, Texas



Percent of the Civilian Labor Force (ages 25-64) by Educational Attainment for 2011, and 2030 Using Trended Rates, Texas





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